

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kevin G. Jiang
Serial No. :
Filed : Herewith
Title : CARRIER FOR DISK DRIVE HOT SWAPPING

Art Unit :
Examiner :

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

Replace the paragraph beginning at page 1, line 1 with the following rewritten paragraph:

-- This application is a divisional application of U.S. Serial Number 09/264,650, filed March 8, 1999, now pending issue. --

In the claims:

Cancel claims 1-14, 18-20.

Amend claim 15 as follows:

15. (Amended) An electromagnetic interference shield attached to a disk drive carrier, said electromagnetic interference shield comprising:
a frontal plate comprising an opening through the frontal plate configured to permit air to pass through the frontal plate;
a side panel connected at a substantially right angle to the frontal plate and extending rearwardly; and

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the side panel being configured to house at least one electrically conductive finger clip protruding in a lateral direction from the side panel.

16. (Reiterated) The electromagnetic interference shield of claim 15 wherein the shield comprises steel.

17. (Reiterated) The electromagnetic interference shield of claim 15 wherein the conductive finger clip comprises spring steel.

Add new claims 21-24 as follows:

21. The electromagnetic interference shield of claim 15 wherein the shield is disposed between a latching mechanism and a base of the disk drive carrier.

22. The electromagnetic interference shield of claim 15 wherein the frontal plate has a top edge and a bottom edge and side panel has a top edge and an bottom edge and the electromagnetic interference shield further comprises an upper plate connecting the top edge of the frontal plate to the top edge of the side panel and a lower plate connecting the bottom edge of the frontal plate to the bottom edge of the side panel.

23. The electromagnetic interference shield of claim 22 wherein the upper and lower plates are configured to permit the shield to be mounted to the base of the carrier.

24. An electromagnetic interference shield attached to a disk drive carrier, said electromagnetic interference shield comprising:

a steel frontal plate having a top edge and a bottom edge and comprising an opening through the frontal plate configured to permit air to pass through the frontal plate;

a steel side panel having a top edge and a bottom edge and being connected at a substantially right angle to the frontal plate and extending rearwardly;

a steel upper plate connecting the top edge of the frontal plate to the top edge of the side panel, said upper plate being configured to permit the shield to be mounted to a base of the disk drive carrier;

a steel lower plate connecting the bottom edge of the frontal plate to the bottom edge of the side panel, said lower plate being configured to permit the shield to be mounted to a base of the disk drive carrier;

wherein the side panel is configured to house at least one electrically conductive finger clip protruding in a lateral direction from the side panel and wherein the conductive finger clip comprises spring steel; and

wherein the shield is disposed between a latching mechanism and a base of the disk drive carrier.

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Attached is a marked-up version of the changes being made by the current amendment. Applicant asks that all claims be examined.

Date: 12/3/01

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Version with markings to show changes made

In the claims:

Claims 1-14, 18-20 have been cancelled.

Claim 15 has been amended as follows:

15. (Amended) An electromagnetic interference shield attached to a disk drive carrier, said electromagnetic interference shield comprising:

a [multi-venthole] frontal plate comprising an opening through the frontal plate configured to permit air to pass through the frontal plate;

a side panel connected at a substantially right angle to [a side panel] the frontal plate and extending rearwardly; and

the side panel being configured to house [housing] at least one electrically conductive finger clip protruding in a lateral direction from the side panel.

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